

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "**Version With Markings To Show Changes Made**".

Respectfully submitted,



I. William Millen (Reg. No. 19,544)
Attorney for Applicants

MILLEN, WHITE, ZELANO & BRANIGAN, P. C.
2200 Clarendon Boulevard, Suite 1400
Arlington, Virginia 22201
(703)812-5325
Internet address: millen@mwzb.com

Filed: 8-31-01

IWM(pdr)K:\PET\1952\prelim amend.wpd

IN THE ABSTRACT

The existing Abstract has been deleted, therefore no marked-up version is necessary.

IN THE CLAIMS

Claim 3 has been amended as follows:

3. (Amended) A process according to claim 1 ~~or claim 2, characterized in that, further comprising after step f), regenerating at least a portion of said adsorbent particles comprising said sulphur-containing compounds is regenerated and re-injecting the resultant regenerated adsorbent particles are reinjected into the space acting to supply the desulphurisation apparatus.~~

Claim 4 has been amended as follows:

4. (Amended) A process according to claim 1 ~~or claim 2, characterized in that, wherein a calcitic adsorbent is used and in that the mean desulphurisation is conducted at a mean temperature is in the range of 800°C to 1110°C.~~

Claim 5 has been amended as follows:

5. (Amended) A process according to any one of claims 1 to 3, characterized in that ~~claim 1, wherein a regeneratable magnesian adsorbent is used and in that the mean desulphurisation is conducted at a mean temperature is in the range of 700°C to 1000°C.~~

Claim 6 has been amended as follows:

6. (Amended) A process according to any one of the preceding claims, characterized in that ~~claim 1, wherein after combustion step a), the fumes are traversed by traverse~~ one or more superheated steam bundles.

Claim 7 has been amended as follows:

7. (Amended) A process according to any one of the preceding claims, characterized in that ~~the claim 1, operated at adsorbent flow rates are such that the concentration of solids in the fumes, except for the recycle, is in the range 0.1 to 1000 g/Nm³.~~

Claim 8 has been amended as follows:

8. (Amended) A process according to ~~any one of the preceding claims, characterized in that the claim 1, operated with a~~ gas recycle ratio in the apparatus ~~is~~ in the range of 1% to 50%.

Claim 9 has been amended as follows:

9. (Amended) A process according to ~~any one of the preceding claims, characterized in that claim 8, wherein~~ the adsorbent recycle ratio is in the range of 1 to 50.

Claim 10 has been amended as follows:

10. (Amended) A process according to ~~any one of the preceding claims, characterized in that claim 1, wherein~~ the grain size of the adsorbents is in the range of 0.1 to 1000 microns.

Claim 11 has been amended as follows:

11. (Amended) A process according to ~~any one of the preceding claims, characterized in that and claim 1, wherein the density of the adsorbent particles is have a density~~ in the range of 100 to 5000 kg/m³.

PCT 2012 56524600